

**What is claimed is:**

1. A mechanical model simulator, comprising:  
a part information storage unit storing three-  
5 dimensional shape and position information about  
each part and information about a moving unit of  
each part; and  
a user interface unit displaying the three-  
dimensional shape of each part and a model  
10 indicating the moving unit of each part based on  
contents stored in the said information storage  
unit, and specifying models of a plurality of  
moving units by a pointing device, thereby  
specifying a drive unit and a subordinately moving  
15 unit interlocked with the drive unit.
2. The simulator according to claim 1, wherein  
said user interface unit further displays a  
binding condition of each moving unit and a  
20 direction of propagation of a movement of the  
interlock.
3. The simulator according to claim 1, wherein  
said user interface unit further specifies a  
25 geometric binding condition, displays the geometric

binding condition, and extracts and displays with high intensity a shape for determination of the specified geometric binding condition.

5        4.        A computer-readable storage medium storing a program use to direct a computer to perform the function of

             based on three-dimensional shape and position  
information about each part stored in advance and  
10        information about a moving unit of each part,  
displaying the three-dimensional shape of each part  
and a model indicating the moving unit of each part,  
and specifying models of a plurality of moving  
units by a pointing device, thereby specifying a  
15        drive unit and a subordinately moving unit  
interlocked with the drive unit.

5.        The storage medium according to claim 4,  
further comprising the function of:

20        displaying a binding condition of each moving  
unit and a direction of propagation of a movement  
of the interlock, or specifying a geometric binding  
condition and extracting and displaying with high  
intensity a shape for determination of the  
25        specified geometric binding condition.

6. A computer data signal embodied in a carrier wave storing a computer program used to direct a computer to perform

5 based on three-dimensional shape and position information about each part stored in advance and information about a moving unit of each part, displaying the three-dimensional shape of each part and a model indicating the moving unit of each part,  
10 and specifying models of a plurality of moving units by a pointing device, thereby specifying a drive unit and a subordinately moving unit interlocked with the drive unit.

15 7. An interlock system setting method, comprising based on three-dimensional shape and position information about each part stored in advance and information about a moving unit of each part, displaying the three-dimensional shape of each part  
20 and a model indicating the moving unit of each part, and specifying models of a plurality of moving units by a pointing device, thereby specifying a drive unit and a subordinately moving unit interlocked with the drive unit.

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